

001 47° 28' 21"N 104° 25' 34"W Overflow from North Pond 2; Mine drainage Peabody Coulee C-3		Overflow from North Pond 2; Mine drainage	
002 47° 27' 30"N 104° 26' 45"W Overflow from South			
Pond 1; Mine drainage Garden Coulee C-3	001	Overflow from North Pond 2; Mine drainage	001 - Overflow from North Pond 2; Mine drainage
003 47° 27' 28"N 104° 26' 45"W	002	Overflow from South Pond 1; Mine drainage	002 - Overflow from South Pond 1; Mine drainage
Overflow from South	003	Overflow from South Pond 2; Mine drainage	003 - Overflow from South Pond 2; Mine drainage
Pond 2; Mine drainage Garden Coulee C-3	004	Overflow from Tipple Pond; Mine drainage	004 - Overflow from Tipple Pond; Mine drainage
004 47° 28' 19"N 104° 25' 32"W Overflow from Tipple Pond; Mine drainage Peabody Coulee C-3	005	Overflow from South Pond 3; Coal plant wash down and mine drainage	005 - Overflow from South Pond 3; Coal plant wash down and mine drainage
005 47° 27' 45"N 104° 26' 45"W Overflow from South Pond 3; Coal plant wash down and mine drainage Garden Coulee C-3			

Facility Description						Facility Descriptions			Effluent Data					Current Level	
Permit Number	Facility Name	SIC	County	City	Receiving Water	Permit Date	Type of Facility	Effluent Stream	Treatment System	Monitoring Notes (Imp to nutrients)	Average Flow (g)	Nitrogen Constituents	Phosphorus Constituents	Notes	Current Level
MT0000264	Genex Harvest States Cooperative	2911	Yellowstone	Laurel	Yellowstone River	1999	Petroleum Refinery	Outfall 001 - Process Wastewater Collected Stormwater Runoff Collected Stormwater Runoff	3-Phleemroad separators 2-491 oil-water separators DAF Aerated Sludge Digestion Clarification Sludge retention pond 2 aerated retention ponds	Routine monitoring for flow and ammonia Ammonia limits - Daily Max = 418 lb/d 30 d avg = 101 lb/d	1994-1998 data Mean annual high monthly average flow = 0.797 MGD Mean annual average monthly flow = 0.697 MGD	Ammonia Avg Daily Max = 12 lb/d Highest Daily Max = 66 lb/d Mean 30 d avg = 5 lb/d Highest 30 d avg = 30 lb/d			Level 1
MT0000256	Conoco Phillips Billings Refinery	291	Yellowstone	Billings	Yegen Drain	2008	Petroleum Refinery	Outfall 001 - Process Wastewater Collected Stormwater Runoff Contaminated groundwater Outfall 002 - hydrostatic testing water (potable supply)	Outfall 001 - *cross plate separators (solids and oil) *DAF *Activated sludge *Aeration and equalization tanks *Bio-oxidation ponds *holding and emergency ponds *stabilization/polishing ponds Outfall 002 - with potable water input no treatment	Ambient monitoring of Yegen Drain 2005-2007 Total N = 15.02 mg/L (max) Total P = 0.48 mg/L (max) Have supplemental monitoring requirements for TN and TP	Mean daily max = 0.70 mgd Max daily max = 2.70 mgd Mean 30 d average = 0.50 mgd Max 30 d average = 0.75 mgd	Effluent TN (2 samples) Avg = 12.04 mg/L Max = 13.02 mg/L Receiving water TN (X samples) Avg = 15.02 mg/L Receiving water TP (X samples) Avg = 0.48 mg/L	Effluent TP (2 samples) Avg = 3.98 mg/L Max = 4.96 mg/L Check DMR for additional data	Statement of Basis received was for a permit modification (outfall relocation)	Level 1
MT0000019	BN WHITEFISH FACILITY	4011	Flathead	Whitefish	Whitefish River	2010									
MT0000094	JOHN R DAILY INC	2013	Missoula	Missoula	Clark Fork River	2007	Food Processing, meat processing	Outfall 001 - Minor Industrial Non-Contact Cooling Water Discharge			3-day Average: 0.0619, Daily Min: 0.045, Daily Max: 0.139 (mgd)			Only NCCW effluent	
MT0000191	MONTANA RESOURCES		Silver Bow	Butte	Silver Bow Creek	2000	Open pit copper molybdenum mine	Outfall 004 - Tailings pond			Calculation are based on 5.04 mgd		Median and mean concentrations for TN was approx. 2.0 mg/l		Level 4
MT0000230	MONTANA SULPHUR & CHEMICAL CO	2819	Yellowstone	Billings	Dry Creek	2007		MSCC processes refinery "acid gas" and "sour fuel gas" from ExxonMobil and returns processed fuel gas to the refinery. Chemical products and gases are produced from the gas treatment process. The MSCC gas treatment process scrubbers and de-sulfurizes fuel gases and processes hydrogen sulfide-containing gases into elemental sulfur (brimstone)	After non-contact cooling water is used, it is discharged at various points into the plant drainage culvert that drains to Dry Creek. In addition, as stated above, the solids content from water filters, raffinate regeneration wastewater and back flush water are discharged with non-contact cooling water.		1,439 gpm				
MT0000248	SIDNEY SUGARS INCORPORATED	2063	Richland					Outfall 001 - Process water to unnamed irrigation return channel Outfall 002 - Process water to Yellowstone River via below ground water Outfall 003 - Process water to unconfined shallow aquifer Land Application				Outfall 1: 164,253 gpd. Outfall 2: 143,996 gpd			Level 1
MT0000281	WESTERN SUGAR COOPERATIVE	2063	Yellowstone		Yegen Drain	2009		001 - Process Wastewater 002 - Process Wastewater and Cooling Water 004 - Process Wastewater	001 - two aerated treatment ponds.			001 - Total Ammonia as N (mg/l) Min: 16, Max: 44; Ave: 33.3			Level 1
MT0000302	IDU - LEWIS & CLARK PLANT	4911	Richland		Yellowstone River	2000		Outfalls 002 and 004 - once-through non-contact cooling water (002 winter, 004 summer) Outfall 003 - wash water from sand sump pump and screen Outfall 007 - Discharge from an ash disposal pond containing ash sludge water, evaporator and boiler blow down, floor drains, water treating sludge filter and softener rinse, metal cleaning wastes and storm water				42.34 mgd (majority is once-through cooling water). Ash pond discharge is 0.36 mgd			
MT0000388	MONTANA RAIL LINK - LIVINGSTON RAIL YARD	4011	av Park	Livingston	Yellowstone River	2004		001 - Discharge pipe at Yellowstone River	grit separation equalization tank oil skimming chemical coagulation flocculation dissolved air flotation multimedia filtration carbon adsorption.	No Nutrients monitoring requirements	0.0384 mgd				
MT0000396	COLETTE THERMAL PLANT	4911	Yellowstone	Billings	Yellowstone River	1999		Outfall 002 - once-through cooling water Outfall 003 - Discharge from the bottom ash handling system, and miscellaneous low volume wastes from plant floor drains, furnace seal water evaporation blowdown, and storm water runoff not to include runoff from coal stock piles				Outfalls 002 is a discharge of condenser cooling water with an estimated flow of 50 MGD and a maximum flow of 131 MGD. Outfall 003 is a discharge which consists of an estimated 210 gpm from the Corette Plant bottom ash waste water, 1 gpm from plant floor drains, 10 gpm from the furnace seal water, 12 gpm from the evaporator blowdown and storm runoff from the plant site not to include storm runoff from coal stockpiles.			
MT0000451	ASH GROVE CEMENT COMPANY	1422	Jefferson		Prickly Pear Creek	2010		non-leaching wet process to manufacture Portland cement. 002 Treated Wastewater and Storm Water 003 Regulated Storm Water	Holding pond			Outfall 001: 0.043 mgd Outfall 002: 0.049 mgd Outfall 003: 0.08 mgd			
MT0000477	EXXONMOBIL REFINING & SUPPLY	2911	Yellowstone	Billings	Yellowstone River	2009		001 - treated process wastewater from the refining process, 002 - noncontact cooling water	The Wastewater Treatment Plant (Outfall 001) consists of an American Petroleum Institute approved (API) separator, induced air flotation (IAF) unit, a biological oxidation lagoon, and stabilization/polishing ponds extended aeration package plant consisting of a combined aeration tank and clarifier.		Treatment Plant: 1 mgd	Total Nitrogen Effluent mg/L, Min: 0.73 Max: 0.76 Ave: 0.75	Total Phosphorous Effluent mg/L, Min: 0.15 Ave: 0.15	Level 1	
MT0000485	TRIDENT PLANT	3241	Gallatin	Three Forks	Missouri River	2009		non-leaching wet process to manufacture cement. 002 Treated Wastewater			0.007 mgd	TN (mg/l) - Min: 2.5, max: 19.1, ave: 7.4.	TP (mg/l) - min 0.2, max: 1.1, Ave: 0.5.	Level 2	
MT0000884	BIG SKY COAL COMPANY - BIG SKY MINE	1221	Rosebud	Colstrip		2008	surface coal mine	21 outfalls. All treated stormwater	sediment pond	No Nutrients monitoring requirements	0.33 mgd				
MT0000892	DECKER COAL CO (WEST MINE)		Big Horn	Decker	Tongue River Reservoir	2006	surface coal mine	001 - treated pit water and commingled storm water discharged from pond #4; 005- treated coal preparation plant associated areas and commingled storm water from pond #1 007 - treated pit water and commingled storm water discharged from settling pond #24; 008 - spoil pile runoff and storm water discharged from settling pond #25 010 - spoil pile runoff and storm water discharged from settling pond #26	sedimentation ponds.		1.12 mgd	TN: min: 0.46, Max: 3.39, Ave: 2.01	TP: min: 0.03, max: 0.23, ave: 0.07	Level 4	
MT0002060	YELLOWSTONE BOYS & GIRLS RANCH	7032	Yellowstone	Billings	Canyon Creek	2004		001 Treated Wastewater	Three-cell facultative lagoon without disinfection. Sediment control facilities including ponds, traps and alternate sediment control installations		Intermittent discharge. Design flow: 0.023 mgd	TN: Min: 9.6, Max: 19, ave: 15.8	TP: Min: 2.45, Max: 5.43, ave: 4.0	Level 1	
MT0021229	WESTMORELAND RESOURCES INC - ABSALOKA MINE	1221	Big Horn	Hardin	Saury Creek	2003	surface coal mine	012 Alkaline Mine Drainage		No Nutrients monitoring requirements					
MT0021431	MT BEHAVIORAL HEALTH INC WWTP	8062	Deer Lodge	Galen	Clark Fork River	2007		The Galen WWTP serves the residents and employees of the non-profit 501 C-3 corporation Montana Behavioral Health, Inc. (MBH) Galen Campus. 001 - Continuous Discharge to Surface Water	activated sludge mechanical facility Continuous discharge, mechanical, extended aeration activated sludge Centax package plant with no disinfection		Design flow: 0.1 mgd	TN: Min: 7.05, Max: 39.9, ave: 23.06	TP: Min: 0.47, Max: 11.0, ave: 6.4	Level 1	
MT0023566	ELKHORN HEALTH CARE WWTP	8051	Jefferson	Alhambra	Prickly Pear Creek	2009		001 - Minor, Private			Design Flow, Average (mg/d): 0.015	TN: Min: 1.09, Max: 84, ave: 16.3	TP: Min: 0.02, Max: 5.0, ave: 1.9	Level 1	

Facility Description					Facility Descriptions			Effluent Data					Current Level		
Permit Number	Facility Name	SIC	County	City	Receiving Water	Permit Date	Type of Facility	Effluent Stream	Treatment System	Monitoring Notes (Imp to nutrients)	Average Flow (g)	Nitrogen Constituents		Phosphorus Constituents	Notes
MT0023604	WESTMORELAND SAVAGE CORP - SAVAGE MINE	1221	Richland	Savage	Peabody and Garden Coulees	2008	surface coal mine	001 - Overflow from North Pond 2; Mine drainage 002 - Overflow from South Pond 1; Mine drainage 003 - Overflow from South Pond 2; Mine drainage 004 - Overflow from Tipple Pond; Mine drainage 005 - Overflow from South Pond 3; Coal plant wash down and mine drainage		No Nutrients monitoring requirements	The flow rate reported for this discharge was 0.576 MGD.				
MT0023639	BOULDER HOT SPRINGS WWTP		Jefferson	Boulder	Little Boulder River	2009	privately-owned Boulder Hot Springs domestic wastewater treatment facility.		two-cell lagoon system		Design: 0.085 MGD. Average: 94 gpm	TN: Min: 0.33, Max: 2.11, ave: 0.84			Level 3
MT0023965	WESTERN ENERGY CO - ROSEBUD MINE	1221	Rosebud	Colstrip	Stocker Creek, Hay Coulee, South Fork Cow Creek, Cow Creek, East Fork Armells Creek, Castle Rock Reservoir, Spring Creek, West Fork Armells Creek, Black Hawk Creek, Dooly Creek, Lee Coulee and Pony Creek.	1999	surface coal mine	Multiple	various sediment control facilities including ponds, traps and alternate sediment control installations	No Nutrients monitoring requirements					
MT0024210	DECKER COAL CO (EAST MINE)		Big Horn	Decker	Tongue River Reservoir	2006	surface coal mine	002 - treated pit water and commingled storm water discharged from settling pond B-1.		No Nutrients requirements	Average: 0.89 mgd	TN: min: 1.71; Max: 2.04, Av: 1.87	TP: min: <0.01, max: 0.18, av: 0.1		Level 4
MT0024619	SPRING CREEK MINE	1221	Big Horn	Decker	Spring Creek		surface coal mine	001 - Overflow structure of Pond 1; Mine drainage 002 - Overflow structure of Pond 2; Commingled coal plant wash down, Mine drainage and pit water, and CING produced water 007 - Overflow structure of Pond 17; Mine drainage 012 - Overflow structure of Pond 39; Mine drainage	Each outfall is associated with a sediment pond designed to contain the runoff from a 25-year, 24-hour rainfall event.	No Nutrients monitoring requirements	0.02 mgd (?)				
MT0024716	STILLWATER MINING COMPANY	1021	Stillwater	Nye	Stillwater River	2007	platinum and palladium mine	001 - Mine discharge direct to Stillwater River 002 - Mine drainage to ground water 003 - Mine drainage to ground water	coagulation, flocculation, settling, reuse, anaerobic biological treatment, and discharge to surface water.		2000 gpm	Average: TON: 0.2, Ammonia: 0.029, Nitrate-Nitrite: 0.074.	TP: Average: 0.018		Level 4
MT0026808	STILLWATER MINING COMPANY	1099	Sweet Grass	Big Timber	East Boulder River	2000	former open-pit and underground talc mining operation undergoing post-closure reclamation stabilization	001 - Mine discharge	Two sedimentation ponds		737 gpm				Proposed permit for a new mine. level 3 (?)
MT0027821	BEAVERHEAD TALC MINE	1499	Madison		Middle Fork Stone Creek	2006		001 Mine Drainage	Two sedimentation ponds		220,700 gpd				Level 1
MT0028321	EXXON MOBIL BILLINGS REFINERY	2911	Yellowstone	Billings	Yellowstone River	2007	petroleum refining	001 Treated Wastewater	API separator, induced air flotation unit, a biological oxidation lagoon and three stabilization/pulsing ponds.		2353 gpm				Level 1
MT0028428	MONTANA TUNNELS MINING INC	1099	Jefferson	Spring Creek		2007	open pit metal mine and flotation mill (silver, gold, and base metals concentrate)	001 - Mine Drainage and Storm Water 002 - Mine Drainage 003 - Surface Water and Mine Pit Water 004 - Surface Water	Sedimentation ponds			Nitrate plus Nitrite as Nitrogen: Average: Outfall 001: <0.05, Outfall 002: 0.33 Averages: Nitrate + Nitrite, as N 3.28; Ammonia, as N <0.01; Total Organic Nitrogen, as N 0.7		Level 5	
MT0028584	LUZENAC AMERICA INC - YELLOWSTONE MINE	1499	Madison	Johnny Gulch and Unnamed Irrigation Ditch		2009	open-pit talc mining and sorting operation	001 - Surface Water 002 - Surface Water 003 - Surface Water			No discharge from Outfall 001. 55 cfs				Level 3
MT0028983	BULL MOUNTAIN MINE #1	1221	Musselshell	Rehder Creek		2008	underground coal mine (Bituminous and Lignite Coal Mining)	001, 003, 006, 007, 008, 009 - Alkaline Mine Drainage 002, 004 - Coal Preparation Plant 005 - Western Alkaline Coal Mining	nine storm water detention ponds to treat waste and storm water runoff from within the permitted area. Treatment consists of detention of process waters and storm water to allow suspended solids to settle out.	No Nutrients monitoring requirements	175 gpm				Level 3
MT0029891	BARRETT'S MINERALS INC	1499	Beaverhead	Prime Meridian	Left Fork Stone Creek	2006	open-pit talc mine	001 - Surface Water 002 - Surface Water	Pond		001: 666 gpm; 002: 236 gpm			001 TN: min 2.5; max 6.9; ave 4.21. 002: min 2.0; max 4.3; ave 3.09	Level 3
MT0029980	MONTANA AVIATION RESEARCH CO	4941	Valley	East Fork Cherry Creek via Spring Coulee		2005	conventional potable water treatment plant	001-Process Water 001 - Discharge is from the infiltration gallery.	two unlined settling/evaporation ponds, each of which discharges to a third settling/evaporation pond	No Nutrients monitoring requirements	0.06 mgd. No discharge has been recorded				
MT0030015	M & W MILLING & REFINING INC	1041	Madison	Alder Creek		1998	milling facility for precious and base metals.		unlined impoundment	Nitrate/Nitrite as N permit limits are 1.0 for Outfall 001 and 10 for outfall 002					Level 1
MT0030031	ASARCO LLC - MIKE HORSE/ANACONDA MINE WATER TREATMENT SYSTEM	1021	Lewis and Clark	Mike Horse Creek and Blackfoot River		2011	The Mike Horse and Anaconda Adits. Capped adits (mine drainage).	001A Mine drainage 002A Mine drainage paste plant briquette cooling water, emissions scrubber water, cooling water from direct chill casting and sewage treatment plant effluent	constructed wetlands treatment system	No Nutrients monitoring requirements	31.5 gpm				Level 1
MT0030066	COLUMBIA FALLS ALUMINUM CO	3334	Flathead	Columbia Falls	Flathead River	1998	aluminum reduction plant		percolation ponds	No Nutrients monitoring requirements	2.4 and 2 mgd. Total 4.4 mgd				
MT0030147	ASARCO INC YELLOWSTONE ENERGY LIMITED PARTNERSHIP FACILITY	4911	Yellowstone	Billings	ExxonMobil storm water ditch	2008	steam and electric generating plant		pH adjustment	No Nutrients monitoring requirements	70 gpm				Level 3
#N/A	MT0030252		Park	Gardiner	Bear Creek	2001	Abandoned underground precious metal mine	tailing storage 001 - Mine Drainage adit water 002 - Mine Drainage adit water 003 - Mine Drainage adit water		No Nutrients monitoring requirements	2 gpm				moving to non-discharging system.
MT0030279	MONTANDRE MINERALS CORP MONTANDRE MINE	1021	av Lincoln	Libby Creek		2006	The adit has been closed, flooded and site has undergone reclamation.	001 - Direct discharge to the Clark Fork River, 002 - Seepage discharge to ground water hydraulically connected to Clark Fork River from the tailing facility 003 - Storm water from the paste storage tailing ponds to Miller Creek 004 - Direct discharge to Rock Creek 005 (Internal) - Domestic wastewater treatment system into the mine drainage wastewater treatment system (Internal Outfall 005).	Drainfields			TN: min <0.07, max <1.95, av <0.021		Level 5	
#N/A	MT0030287		Sanders	Clark Fork River		1997	underground copper and silver mine		Equalization (EQ) basin, flocculation, clarification and neutralization. Treated wastewater mixes with cooling tower blowdown water prior to discharge.						Draft permit for a proposed facility
MT0030350	REC ADVANCED SILICON MATERIALS LLC	3339	Silver Bow	Sheep Gulch	Outfall 003 to Silver Bow Creek	2010	Production of high purity polycrystalline silicon	001 - Minor Private 002 - Storm Water (Integrated) 003 - Minor Private		No Nutrients monitoring requirements	0.8 mgd	TN: min <0.1, max 2.6, ave: <0.7	TP: min 0.08, max: 0.4, av: 0.3		Level 3
MT0030392	MT0030392		1311	Powder River	Belle Creek	1998	Oil production		1-acre, single-cell facultative lagoon system with no disinfection, with discharge of effluent to a wetland area that flows into a constructed ditch that flows into Beaver Creek.		11.67 gpm				
MT0030643	SLEEPING BUFFALO HOT SPRINGS - LAGOON		Phillips	Saco	Beaver Creek	2002		001 (process wastewater)			Design flow: 0.0129 mgd				Level 1
MT0030660	BARRETT'S MINERALS - REGAL MINE	1099	Beaverhead			2004									proposed facility
MT0030678	FIDELITY - TONGUE RIVER PROJECT WFF		1311	Big Horn	Tongue River	2010	coal bed natural gas concentrated animal feeding operation		Higgins Loop Ion Exchange (IX) technology		850 or 1700 gpm	TN: 0.6			Level 4
MT0030724	HEADWATERS LIVESTOCK AUCTION			Jefferson River		2004			Minor						CAFO
MT0031411	WOLF MOUNTAIN COAL	1221	Big Horn	Monument Creek	Unamed ephemeral tributary to the WACO Custer Canal	2006	Bituminous Coal Screening Plant	001, Process wastewater (washdown of screening equipment; not from the physical washing of coal.)	sedimentation pond.						Level 1
MT0031534	CATTLE DEVELOPMENT CENTER		Yellowstone												CAFO
MT0031593	JAMES GUERCID - OW RANCH	1311	Big Horn				coal bed natural gas		Higgins Loop Ion Exchange (IX) technology		0.52-5.43 mgd				Level 4
MT0031623	IPORNA NATURAL GAS WATER TREATMENT FACILITY	1311	Hill	Gilford,	Fresno Reservoir	2009	drill and produce both natural gas and iodine.		RO						Level 5

WERF

Level	Description	Capital Cost (\$/gpd)	Operations (\$/ MG/day Treated)
Level 1	No N and P removal	9.3	250
Level 2	1 mg/l TP; 8 mg/l TN 0.1 to 0.3 mg/l TP; 4-8 mg/l TN	12.2	250
Level 3		14.4	640
Level 4	<0.1 mg/l TP; 3 mg/l TN	15.3	880
Level 5	<0.1 mg/l TP; 1 mg/l TN	21.8	1370
Level 6	<0.1 mg/l TP; 1 mg/l TN	28.3	1880

0.08024 20 years, 5% rate
20 years, 5% rate 0.08024
20 years, 7% rate 0.09439

NPDES ID	Facility Name	Flow (mgd)	Current Level	Future Level	Capital Cost(\$million/MGD)	Facility Upgrade Capital Costs (\$million)	Annualized Capital Costs (Assumed 20 years, 5% rate; \$million/year)	Annualized Capital Costs (Assumed 20 years, 5% rate; \$/year)	Operations (\$/ MG/day Treated)	Operations Costs (\$/ year / 1 MGD)	Facility Upgrade Operations Costs (annual) based on Facility MGD	Membrane Replacement Cost (\$24,000 /yr/1 MGD)*Actual Flow	Total Operations costs including membrane replacement	Total Operations costs including membrane replacement + Labor (15%)	Total Operations costs including membrane replacement + Labor HI (48%)
MT0000264	CENEX HARVEST STATES COOP.	2.174	Level 1	100% RD	19	\$41.31	\$3.31	\$3,314,500.31	1610	\$87,650.00	1,277,551.10	\$2,176.00	\$1,329,727.10	\$1,826,900.15	\$2,920,687.25
MT0000256	CONOCOPHILIPS - BILLINGS REFINERY	7.166	Level 1	100% RD	19	\$50.54	\$4.06	\$4,055,460.36	1610	\$87,650.00	1,563,149.00	\$3,840.00	1,626,989.00	\$2,235,308.05	\$3,573,609.97
MT0000019	BN WHITEFACE FACILITY	0.096	Level 3	100% RD	13.9	\$1.33	\$0.11	\$1,077,075.71	1220	\$45,300.00	42,248.80	\$200.00	45,000.80	\$61,114.16	\$96,449.14
MT0000094	JOHN R DAILY INC	0.3	Level 3	100% RD	13.9	\$4.17	\$0.33	\$334,611.59	1220	\$45,300.00	133,590.00	\$7,200.00	140,790.00	\$190,981.74	\$303,403.56
MT0000191	MONTANA RESOURCES	5.04	Level 4	100% RD	13	\$65.52	\$5.26	\$5,257,494.31	980	\$57,700.00	1,802,808.00	\$20,960.00	1,923,768.00	\$2,712,392.15	\$4,447,365.27
MT0000230	MONTANA SULPHUR & CHEMICAL CO	3.28792	Level 3	100% RD	13.9	\$45.70	\$3.67	\$3,666,807.68	1220	\$45,300.00	1,463,932.00	\$8,900.48	1,542,832.48	\$2,090,854.28	\$3,303,900.80
MT0000428	SIDNEY SUGARS INCORPORATED	1.1	Level 1	100% RD	19	\$24.70	\$1.98	\$1,981,991.98	1610	\$87,650.00	752,945.00	\$3,200.00	755,145.00	\$1,059,443.79	\$1,746,501.11
MT0000281	WESTERN SUGAR COOPERATIVE	9.36	Level 1	100% RD	19	\$177.84	\$14.27	\$14,270,341.71	1610	\$87,650.00	5,500,404.00	\$24,640.00	5,725,044.00	\$7,865,595.26	\$12,574,808.02
MT0000302	MDU - LEWIS & CLARK PLANT	42.43	Level 3	100% RD	13.9	\$589.78	\$47.33	\$47,325,232.33	1220	\$45,300.00	18,894,079.00	\$1,018,320.00	19,912,399.00	\$27,011,181.85	\$42,628,510.53
MT0000388	MONTANA RAIL LINK - LIVINGSTON RAIL YARD	0.14256	Level 3	100% RD	13.9	\$1.98	\$0.16	\$159,007.43	1220	\$45,300.00	43,481.97	\$421.44	45,903.41	\$60,754.52	\$143,226.97
MT0000396	CORTEE TRIMALPI	1.11	Level 3	100% RD	13.9	\$182.90	\$14.61	\$14,613,727.00	1220	\$45,300.00	58,334,300.00	\$3,144,000.00	61,478,300.00	\$83,395,150.05	\$133,612,888.97
MT0000451	ASH GROVE CEMENT COMPANY	0.037728	Level 3	100% RD	13.9	\$0.52	\$0.04	\$42,080.75	1220	\$45,300.00	16,800.28	\$90.47	17,705.75	\$24,017.86	\$37,904.51
MT0000477	EXXONMOBIL REFINING & SUPPLY	2.7	Level 1	100% RD	19	\$51.30	\$4.12	\$4,116,444.72	1610	\$87,650.00	1,586,655.00	\$6,800.00	1,651,455.00	\$2,268,921.71	\$3,627,348.47
MT0000485	TRIDENT PLANT	0.0072	Level 2	100% RD	13.9	\$0.11	\$0.01	\$9,012.85	1310	\$51,150.00	3,958.28	\$72.80	4,141.08	\$5,493.01	\$8,467.25
MT0000874	BIG SKY COAL COMPANY - BIG SKY MINE	10.045	Level 3	100% RD	13.9	\$42.33	\$3.40	\$3,396,307.62	1220	\$45,300.00	1,355,938.50	\$73,080.00	1,429,018.50	\$1,938,464.64	\$3,059,246.16
MT0000892	DECKER COAL CO (WEST MINE)	1.12	Level 2	100% RD	13	\$14.56	\$1.17	\$1,168,332.07	980	\$57,700.00	400,624.00	\$26,800.00	427,504.00	\$602,751.81	\$988,303.39
MT0002460	YELLOWSTONE BOYS & GIRLS RANCH	0.02	Level 2	100% RD	19	\$0.38	\$0.03	\$30,492.18	1610	\$87,650.00	11,753.00	\$80.00	12,233.00	\$16,800.83	\$26,809.25
MT0012229	WESTMORLAND RESOURCES INC - ABSALOKA MINE	1.44	Level 3	100% RD	13.9	\$20.02	\$1.64	\$1,606,175.63	1220	\$45,300.00	641,232.00	\$3,560.00	675,792.00	\$915,712.24	\$1,446,737.10
MT0021431	MT BEHAVIORAL HEALTH INC WWTP	0.1	Level 1	100% RD	19	\$1.90	\$0.15	\$152,469.92	1610	\$87,650.00	58,765.00	\$2,400.00	61,165.00	\$84,034.14	\$134,346.24
MT0023568	ELKHORN HEALTH CARE WWTP	0.015	Level 1	100% RD	19	\$0.29	\$0.02	\$22,869.14	1610	\$87,650.00	8,814.75	\$360.00	9,174.75	\$12,605.12	\$20,151.94
MT0023604	WESTMORLAND SAVAGE CORP - SAVAGE MINE	0.576	Level 3	100% RD	13.9	\$8.01	\$0.64	\$642,454.25	1220	\$45,300.00	256,492.80	\$13,824.00	270,316.80	\$366,684.94	\$578,694.84
MT0023629	BOULDER HOT SPRINGS WWTP	0.085	Level 3	100% RD	13.9	\$1.18	\$0.09	\$94,806.62	1220	\$45,300.00	37,650.00	\$2,040.00	39,690.00	\$54,111.49	\$85,397.68
MT0023965	WESTERN ENERGY CO - ROSEBUD MINE	0	Level 3	100% RD	13.9	\$0.00	\$0.00	\$0.00	1220	\$45,300.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
MT0024210	DECKER COAL CO (EAST MINE)	0.89	Level 4	100% RD	13	\$11.57	\$0.93	\$928,406.73	980	\$57,700.00	318,353.00	\$21,360.00	339,713.00	\$478,974.01	\$785,348.23
MT0024619	SPRING WATER	0.02	Level 3	100% RD	13.9	\$0.28	\$0.02	\$22,307.44	1220	\$45,300.00	8,506.00	\$80.00	8,586.00	\$12,732.12	\$20,094.57
MT0024716	STILLWATER MINING COMPANY	0.94716	Level 4	100% RD	13	\$12.24	\$0.98	\$982,400.13	980	\$57,700.00	336,867.51	\$2,602.24	339,469.75	\$506,629.85	\$831,021.97
MT0026808	STILLWATER MINING COMPANY	0.648	Level 3	100% RD	13.9	\$9.01	\$0.72	\$722,761.03	1220	\$45,300.00	288,554.40	\$15,520.00	304,074.40	\$412,520.55	\$651,031.70
MT0027821	BEAVERHEAD TAIL MINE	0.13688	Level 1	100% RD	19	\$1.97	\$0.16	\$158,071.48	1610	\$87,650.00	60,927.55	\$2,488.32	63,415.87	\$87,126.59	\$139,290.18
MT0028321	EXXON MOBIL BILLINGS REFINERY	5.85838	Level 1	100% RD	19	\$111.41	\$8.94	\$8,939,830.22	1610	\$87,650.00	3,445,745.50	\$40,728.32	3,586,519.82	\$4,927,490.90	\$7,877,633.58
MT0028428	MONTANA TUNNELS MINING INC	0	Level 5	100% RD	6.5	\$0.00	\$0.00	\$0.00	490	\$78,850.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
MT0028584	LUZERN AMERICA INC - YELLOWSTONE MINE	0	Level 3	100% RD	13.9	\$0.00	\$0.00	\$0.00	1220	\$45,300.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
MT0028983	BULL MOUNTAIN MINE #1	0.36	Level 3	100% RD	13.9	\$5.00	\$0.40	\$401,533.91	1220	\$45,300.00	160,308.00	\$6,640.00	166,948.00	\$229,178.09	\$361,684.28
MT0028981	BARRETT'S MINERALS INC	1.5768	Level 3	100% RD	13.9	\$24.92	\$1.76	\$1,758,718.51	1220	\$45,300.00	702,149.04	\$3,843.20	706,012.24	\$1,003,800.02	\$1,584,177.12
MT0029980	MONTANA AVIATION RESEARCH CO	0.05	Level 3	100% RD	13.9	\$0.70	\$0.06	\$55,768.60	1220	\$45,300.00	22,865.00	\$2,000.00	24,865.00	\$31,830.29	\$50,233.93
MT0030015	M & W MILLING & REFINING INC	0.0216	Level 1	100% RD	19	\$0.41	\$0.03	\$32,931.56	1610	\$87,650.00	12,693.24	\$18.40	12,711.64	\$18,151.37	\$29,018.79
MT0030031	ASARCO LLC - MIKE HORSE/ANACONDA MINE WAT	0.0468	Level 1	100% RD	19	\$0.89	\$0.07	\$71,351.71	1610	\$87,650.00	27,502.02	\$1,123.20	28,625.22	\$39,327.98	\$62,874.04
MT0030066	COLUMBIA FALLS ALUMINUM CO	0.050095	Level 3	100% RD	13.9	\$8.35	\$0.67	\$670,232.59	1220	\$45,300.00	287,583.00	\$4,421.72	292,004.72	\$383,539.60	\$603,716.36
MT0030147	ASARCO INC	0.139994	Level 3	100% RD	13.9	\$1.90	\$0.15	\$152,799.27	1220	\$45,300.00	61,063.43	\$3,287.80	64,351.23	\$87,211.17	\$137,634.93
MT0030180	YELLOWSTONE ENERGY LIMITED PARTNERSHIP FAC	0.2494	Level 3	100% RD	13.9	\$3.47	\$0.28	\$278,173.77	1220	\$45,300.00	111,057.82	\$5,985.60	117,043.42	\$158,769.49	\$250,566.83
MT0030279	MONTANORE MINERALS CORP MONTANORE MINE	0.01584	Level 5	100% RD	6.5	\$0.10	\$0.01	\$8,261.78	490	\$78,850.00	2,832.98	\$80.16	2,913.14	\$4,452.41	\$7,178.80
MT0030350	REC ADVANCED SILICON MATERIALS LLC	1.152	Level 3	100% RD	13.9	\$16.01	\$1.28	\$1,284,908.54	1220	\$45,300.00	\$12,985.60	\$7,648.00	\$40,633.60	\$713,369.88	\$1,157,389.68
MT0030392	MI&O COMPANY - WRIGHT CREEK WATER DISP	0.0168	Level 3	100% RD	13.9	\$0.23	\$0.02	\$18,738.20	1220	\$45,300.00	7,481.04	\$403.20	7,884.24	\$10,694.98	\$16,878.60
MT0030643	SLEEPING BUFFALO HOT SPRINGS - LAGOON	0.0129	Level 1	100% RD	19	\$0.25	\$0.02	\$19,667.46	1610	\$87,650.00	7,580.69	\$309.60	7,890.29	\$10,840.60	\$17,330.66
MT0030660	PINNACLE GAS RESOURCES - COAL CREEK DEVELOP	0	Level 1	100% RD	19	\$0.00	\$0.00	\$0.00	1610	\$87,650.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
MT0030678	BARRETT'S MINERALS - REGAL MINE	0.144	Level 3	100% RD	13.9	\$2.00	\$0.16	\$160,613.54	1220	\$45,300.00	64,132.20	\$3,450.00	67,579.20	\$91,671.29	\$144,671.71
MT0030724	FIDELITY - TONGUE RIVER PROJECT WTF	2.44	Level 4	100% RD	13	\$31.72	\$2.55	\$2,545,294.87	980	\$57,700.00	872,788.00	\$8,560.00	931,348.00	\$1,313,142.23	\$2,153,089.54
MT0030741	HEADWATERS LIVESTOCK AUCTION	0	CAFO	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	\$0.00	\$0.00	#N/A	#N/A
MT0031411	WOLF MOUNTAIN COAL	0.0048	Level 1	100% RD	19	\$0.09	\$0.01	\$7,318.12	1610	\$87,650.00	2,820.72	\$15.20	2,935.92	\$4,033.64	\$6,448.62
MT0031534	CATTLE DEVELOPMENT CENTER	0	CAFO	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	\$0.00	\$0.00	#N/A	#N/A
MT0031593	JAMES QUERCIO - OW RANCH	0.19	Level 4	100% RD	13	\$2.47	\$0.20	\$198,199.19	980	\$57,700.00	67,963.00	\$4,560.00	72,523.00	\$102,252.88	\$167,658.61
MT0031623	IOFINA NATURAL GAS WATER TREATMENT FACILT	0	Level 5	100% RD	6.5	\$0.00	\$0.00	\$0.00	490	\$78,850.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00

WESP

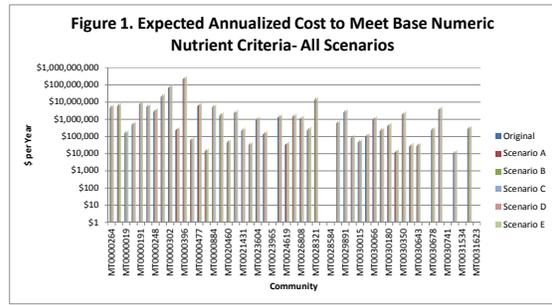
Level	Description	Capital Cost (\$/gpd)	Operations (\$/M/Gal/Year)
Level 1	No. 50 lead 5 normal	3.3	205
Level 2	1 mgd TP, 8 mgd TN	22.7	505
Level 3	0.1-0.3 mgd TP, 4-8 mgd TN	14.4	645
Level 4	<0.1 mgd TP, 3 mgd TN	15.1	880
Level 5	<0.05 mgd TP, 1 mgd TN	21.8	1150
Level 6	<0.05 mgd TP, 1 mgd TN	26	180

0.00419 20 years, 7% rate
 0.0024 20 years, 5% rate
 0.0043 20 years, 7% rate

NPDES ID	Facility Name	Flow (mgd)	Current Level	Future Level	Capital Cost (\$/million)	Facility Upgrade Capital Costs (\$/million)	Annualized Capital Costs (Assumed 20 years, 7% rate) (\$/million/year)	Annualized Capital Costs (Assumed 20 years, 5% rate) (\$/million/year)	Operations (\$/M/Gal/Year)	Operations (\$/M/Gal/Year)	Facility Upgrade Operations Costs (Annual) based on Facility MGD	Membrane Replacement Costs (\$24,000 /yr/1 MGD) (Actual Flow)	Total Operations costs including membrane replacement	Total Operations costs including membrane replacement + Labor (25%)	Total	NPDES ID	Facility Name	
MT000025	CENEY HARVEST STATES COOP	2.178	Level 1	MT000025	10	\$41.31	\$3.90	\$3,896,994.33	1610	587,650.00	1,277,451.33	12,126.00	1,320,727.16	\$1,914,576.23	\$3,201,244.31	\$7,100,238.50	MT000025	CENEY HARVEST STATES COOP
MT000025	CONVOCPHILLIPS - BILMINGS REFINERY	2.60	Level 1	MT000025	10	\$50.54	\$4.77	\$4,770,618.43	1610	587,650.00	1,563,149.00	63,840.00	1,626,989.00	\$2,342,581.77	\$3,156,885.86	\$8,887,524.33	MT000025	CONVOCPHILLIPS - BILMINGS REFINERY
MT000029	BN INVESTMENT FACILITY	0.096	Level 3	MT000029	13.0	\$1.33	\$0.13	\$1,275,973.70	1220	445,300.00	42,718.00	2,350.00	45,068.00	\$46,418.00	\$105,512.60	\$231,703.52	MT000029	BN INVESTMENT FACILITY
MT000029	JOHN R DAILY INC	0.3	Level 3	MT000029	13.0	\$4.17	\$0.39	\$3,613,118.10	1220	445,300.00	133,100.00	2,320.00	145,720.00	\$199,812.78	\$291,245.38	\$739,224.88	MT000029	JOHN R DAILY INC
MT000029	MONTANA RESOURCES	5.04	Level 4	MT000029	13.0	\$66.52	\$6.18	\$5,684,624.49	980	357,700.00	1,802,800.00	120,700.00	1,923,700.00	\$2,481,451.67	\$4,803,387.76	\$11,677,512.25	MT000029	MONTANA RESOURCES
MT000025	MONTANA SULPHUR & CHEMICAL CO	3.28752	Level 3	MT000025	10	\$45.70	\$4.11	\$4,311,428.03	1220	445,300.00	1,469,032.60	78,900.00	1,547,932.60	\$2,190,847.48	\$4,613,279.04	\$7,326,708.02	MT000025	MONTANA SULPHUR & CHEMICAL CO
MT000004	SIDNEY SUGARS INCORPORATED	1.3	Level 1	MT000004	10	\$24.70	\$2.13	\$2,113,509.27	1610	587,650.00	763,945.00	13,200.00	777,145.00	\$1,144,870.79	\$1,914,267.53	\$4,245,772.79	MT000004	SIDNEY SUGARS INCORPORATED
MT000028	WESTERN SUGAR COOPERATIVE	9.36	Level 1	MT000028	10	\$177.84	\$16.76	\$16,480,837.31	1610	587,650.00	9,500,004.00	234,400.00	9,734,404.00	\$8,243,069.69	\$13,782,716.30	\$30,589,564.11	MT000028	WESTERN SUGAR COOPERATIVE
MT000028	WESTON SUGAR COOPERATIVE	42.49	Level 3	MT000028	13.0	\$689.78	\$65.63	\$5,620,776.33	1330	445,300.00	18,894,979.00	1,028,200.00	19,923,179.00	\$26,524,371.75	\$50,205,148.21	\$120,000,000.00	MT000028	WESTON SUGAR COOPERATIVE
MT000028	MONTANA RAIL LINK - COMBOSTON RAIL YARD	0.14245	Level 3	MT000028	13.0	\$1.98	\$0.19	\$1,847,074.53	1220	445,300.00	65,483.00	2,424.00	67,907.00	\$70,431.00	\$155,482.21	\$242,737.21	MT000028	MONTANA RAIL LINK - COMBOSTON RAIL YARD
MT000028	COMETTE THERMAL PLANT	15.13	Level 3	MT000028	13.0	\$1,820.90	\$173.88	\$17,480,078.49	1220	445,300.00	58,334,300.00	3,144,000.00	61,478,300.00	\$87,240,131.77	\$143,880,616.26	\$350,000,000.00	MT000028	COMETTE THERMAL PLANT
MT000045	ASH GROVE CEMENT COMPANY	0.037728	Level 3	MT000045	13.0	\$0.52	\$0.05	\$48,502.46	1220	445,300.00	16,800.23	903.47	17,703.70	\$21,130.97	\$41,466.45	\$90,767.90	MT000045	ASH GROVE CEMENT COMPANY
MT000045	EXDOMOBIL REFINING & SUPPLY TRODENT PLANT	2.7	Level 1	MT000045	10	\$51.36	\$4.84	\$4,640,307.09	1610	587,650.00	1,586,051.00	64,800.00	1,650,851.00	\$2,377,888.56	\$3,971,786.40	\$8,818,143.49	MT000045	EXDOMOBIL REFINING & SUPPLY TRODENT PLANT
MT000045	BIG SUEY COAL COMPANY - BIG SUEY MINE	0.0072	Level 2	MT000045	13.0	\$0.11	\$0.01	\$1,002,221.11	1220	445,300.00	1,358.28	172.80	1,531.08	\$1,713.88	\$2,711.41	\$5,721.41	MT000045	BIG SUEY COAL COMPANY - BIG SUEY MINE
MT000045	DECKER COAL CO (WEST MINE)	1.12	Level 4	MT000045	13.0	\$42.39	\$4.00	\$3,955,277.38	1220	445,300.00	1,355,938.50	71,000.00	1,426,938.50	\$2,028,302.67	\$3,341,955.61	\$7,900,088.84	MT000045	DECKER COAL CO (WEST MINE)
MT000045	YELLOWSTONE BOYS & GIRLS RANCH	0.02	Level 1	MT000045	10	\$14.58	\$1.37	\$1,374,361.20	980	357,700.00	400,240.00	26,800.00	427,040.00	\$633,638.15	\$1,087,197.28	\$2,461,538.26	MT000045	YELLOWSTONE BOYS & GIRLS RANCH
MT000025	WESTMORLAND RESOURCES INC. - ABSALDKA MINE	1.44	Level 3	MT000025	10	\$20.02	\$1.89	\$1,809,508.80	1610	587,650.00	641,212.00	34,500.00	675,712.00	\$959,197.32	\$1,582,680.02	\$3,472,257.83	MT000025	WESTMORLAND RESOURCES INC. - ABSALDKA MINE
MT000243	MT BEHAVIORAL HEALTH INC WYTP	0.1	Level 1	MT000243	10	\$1.90	\$0.18	\$1,791,146.56	1220	445,300.00	8,765.00	2,400.00	11,165.00	\$12,581.00	\$14,215.15	\$32,670.30	MT000243	MT BEHAVIORAL HEALTH INC WYTP
MT000243	ELKHORN HEALTH CARE WYTP	0.015	Level 1	MT000243	10	\$0.29	\$0.03	\$26,901.89	1610	587,650.00	8,814.73	300.00	9,114.73	\$13,210.05	\$22,087.70	\$48,889.59	MT000243	ELKHORN HEALTH CARE WYTP
MT000260	WESTMORLAND SAVAGE CORP - SAVAGE MINE	0.576	Level 3	MT000260	13.0	\$1.18	\$0.11	\$1,075,747.52	1220	445,300.00	256,490.00	19,824.00	276,314.00	\$383,678.93	\$630,075.63	\$1,388,823.13	MT000260	WESTMORLAND SAVAGE CORP - SAVAGE MINE
MT000296	WESTERN ENERGY CO. ROSEBUD MINE	0.0	Level 3	MT000296	13.0	\$0.00	\$0.00	\$0.00	1220	445,300.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	MT000296	WESTERN ENERGY CO. ROSEBUD MINE
MT000441	DECKER COAL CO (EAST MINE)	0.89	Level 4	MT000441	13.0	\$11.57	\$1.09	\$1,026,126.15	980	357,700.00	118,933.00	21,300.00	139,733.00	\$160,511.92	\$261,031.55	\$456,269.70	MT000441	DECKER COAL CO (EAST MINE)
MT000441	SPRING CREEK MINE	0.09	Level 4	MT000441	13.0	\$2.94	\$0.28	\$2,661,116.16	980	357,700.00	336,867.51	22,602.24	359,469.75	\$532,815.98	\$914,177.60	\$2,069,818.86	MT000441	SPRING CREEK MINE
MT000471	STILLWATER MINING COMPANY	0.94176	Level 4	MT000471	13.0	\$9.01	\$0.85	\$8,155,641.26	1220	445,300.00	288,554.40	15,512.00	304,066.40	\$431,618.79	\$712,210.06	\$1,562,426.02	MT000471	STILLWATER MINING COMPANY
MT000480	STILLWATER MINING COMPANY BEAVERHEAD TAC MINE	0.648	Level 1	MT000480	10	\$1.07	\$0.10	\$1,060,546.03	1610	587,650.00	60,837.00	2,488.12	63,325.12	\$91,307.85	\$152,670.20	\$336,516.71	MT000480	STILLWATER MINING COMPANY BEAVERHEAD TAC MINE
MT000982	EXXON MOBIL BILMINGS REFINERY	5.86366	Level 1	MT000982	10	\$0.00	\$0.00	\$10,516,328.33	490	178,850.00	1,445,791.50	140,728.12	1,586,519.62	\$5,163,966.12	\$8,834,347.86	\$19,550,656.26	MT000982	EXXON MOBIL BILMINGS REFINERY
MT000842	MONTANA TUNNELS MINING INC	0	Level 5	MT000842	13.0	\$0.00	\$0.00	\$0.00	1220	445,300.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	MT000842	MONTANA TUNNELS MINING INC
MT000858	LUZENA AMERICA INC. - YELLOWSTONE MINE	0	Level 3	MT000858	13.0	\$0.00	\$0.00	\$0.00	1220	445,300.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	MT000858	LUZENA AMERICA INC. - YELLOWSTONE MINE
MT000288	BULL MOUNTAIN MINE #1	0.33	Level 3	MT000288	13.0	\$5.00	\$0.47	\$4,524,542.00	1220	445,300.00	101,400.00	6,840.00	108,240.00	\$150,572.24	\$250,572.24	\$580,514.44	MT000288	BULL MOUNTAIN MINE #1
MT000288	BARNETT'S MINERALS INC	1.5788	Level 3	MT000288	13.0	\$11.02	\$1.07	\$1,026,650.14	1220	445,300.00	702,490.00	17,843.25	720,333.25	\$1,050,215.07	\$1,733,048.48	\$3,801,403.33	MT000288	BARNETT'S MINERALS INC
MT000298	MONTANA AVIATION RESEARCH CO	0.05	Level 3	MT000298	13.0	\$0.70	\$0.07	\$665,693.08	1220	445,300.00	22,305.00	1,200.00	23,505.00	\$33,305.46	\$54,914.48	\$120,557.56	MT000298	MONTANA AVIATION RESEARCH CO
MT000301	M & W MILLING & REFINING INC	0.0216	Level 1	MT000301	10	\$0.41	\$0.04	\$38,738.86	1610	587,650.00	12,093.24	528.40	12,621.64	\$19,012.47	\$31,806.29	\$70,145.13	MT000301	M & W MILLING & REFINING INC
MT000301	ASARCO LLC - MIKE HORSE/ANACONDA MINE WATER TREATMENT SYSTEM	0.0486	Level 1	MT000301	10	\$0.89	\$0.08	\$7,327,228.18	1610	587,650.00	111,057.82	5,985.60	117,043.42	\$166,127.65	\$274,112.95	\$601,341.11	MT000301	ASARCO LLC - MIKE HORSE/ANACONDA MINE WATER TREATMENT SYSTEM
MT000301	COLUMBIA FALLS ALUMINUM CO	0.60005	Level 3	MT000301	13.0	\$8.35	\$0.79	\$7,888,424.43	1220	445,300.00	267,583.20	14,211.72	281,794.92	\$400,218.38	\$660,436.48	\$1,480,218.38	MT000301	COLUMBIA FALLS ALUMINUM CO
MT000301	ASARCO INC	0.136984	Level 3	MT000301	13.0	\$1.90	\$0.18	\$1,795,744.58	1220	445,300.00	61,003.43	3,827.86	64,831.29	\$91,242.97	\$150,568.68	\$330,113.26	MT000301	ASARCO INC
MT000301	YELLOWSTONE ENERGY LIMITED PARTNERSHIP FACILITY	0.2494	Level 3	MT000301	13.0	\$4.47	\$0.43	\$3,977,228.18	1220	445,300.00	111,057.82	5,985.60	117,043.42	\$166,127.65	\$274,112.95	\$601,341.11	MT000301	YELLOWSTONE ENERGY LIMITED PARTNERSHIP FACILITY
MT000302	MONTANDRE MINERALS CORP MONTANDRE MINE	0.0184	Level 5	MT000302	13.0	\$0.00	\$0.00	\$0.00	980	178,850.00	2,832.86	880.16	3,713.02	\$4,670.95	\$7,878.12	\$16,746.26	MT000302	MONTANDRE MINERALS CORP MONTANDRE MINE
MT000303	REC ADVANCED SILICON MATERIALS LLC	1.152	Level 3	MT000303	13.0	\$16.05	\$1.51	\$1,495,405.04	1220	445,300.00	522,985.60	27,648.00	550,633.60	\$767,167.86	\$1,265,151.22	\$2,777,646.26	MT000303	REC ADVANCED SILICON MATERIALS LLC
MT000309	M&K OIL COMPANY - WRIGHT CREEK WATER DISPOSAL	0.0168	Level 3	MT000309	13.0	\$0.23	\$0.02	\$2,042,045.04	1220	445,300.00	7,481.00	403.20	7,884.20	\$11,360.64	\$18,464.71	\$40,507.34	MT000309	M&K OIL COMPANY - WRIGHT CREEK WATER DISPOSAL
MT000304	SLEEPING BUFFALO HOT SPRINGS - LAGDON	0.0129	Level 1	MT000304	10	\$0.21	\$0.02	\$213,135.71	1610	587,650.00	7,580.00	309.60	7,889.60	\$11,360.64	\$18,464.71	\$40,507.34	MT000304	SLEEPING BUFFALO HOT SPRINGS - LAGDON
MT000366	PINNACLE GAS RESOURCES - COAL CREEK DEVELOPMENT	0	Level 1	MT000366	10	\$0.00	\$0.00	\$0.00	1220	587,650.00	0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	MT000366	PINNACLE GAS RESOURCES - COAL CREEK DEVELOPMENT UNIT
MT000307	BARNETT'S MINERALS - REGAL MINE	0.144	Level 3	MT000307	13.0	\$2.00	\$0.19	\$1,838,936.88	1610	445,300.00	64,133.22	3,450.00	67,583.22	\$95,919.73	\$158,268.90	\$347,205.74	MT000307	BARNETT'S MINERALS - REGAL MINE
MT000372	FIDELITY - TONGUE RIVER PROJECT WYTP	2.44	Level 4	MT000372	13.0	\$13.72	\$1.29	\$12,464,145.60	980	357,700.00	872,788.00	48,560.00	921,348.00	\$1,380,469.54	\$2,368,536.93	\$5,362,880.53	MT000372	FIDELITY - TONGUE RIVER PROJECT WYTP
MT000313	HEADWATERS LIVESTOCK AUCTION	0	CATD	MT000313	#N/A	#N/A	#N											

	7% Labor low	Labor High	
Original	0	0	0
Scenario A	0	1	0
Scenario B	0	0	1
Scenario C	1	0	0
Scenario D	1	1	0
Scenario E	1	0	1

NPDES	Original	Scenario A	Scenario B	Scenario C	Scenario D	Scenario E
MT0000264	\$ 4,644,227	\$ 5,141,402	\$ 6,235,188	\$ 5,228,721	\$ 5,813,570	\$ 7,100,239
MT0000256	\$ 5,682,449	\$ 6,290,768	\$ 7,629,070	\$ 6,397,607	\$ 7,113,200	\$ 8,687,504
MT0000019	\$ 152,129	\$ 166,190	\$ 203,525	\$ 171,011	\$ 189,904	\$ 231,471
MT0000094	\$ 475,402	\$ 525,593	\$ 636,015	\$ 534,409	\$ 593,451	\$ 723,345
MT0000191	\$ 7,181,262	\$ 7,969,886	\$ 9,704,860	\$ 8,108,392	\$ 9,036,086	\$ 11,077,012
MT0000230	\$ 5,209,641	\$ 5,759,662	\$ 6,969,708	\$ 5,856,262	\$ 6,503,276	\$ 7,926,708
MT0000248	\$ 2,777,137	\$ 3,074,436	\$ 3,728,493	\$ 3,126,650	\$ 3,476,376	\$ 4,245,773
MT0000281	\$ 19,995,386	\$ 22,135,937	\$ 26,845,150	\$ 22,511,882	\$ 25,029,908	\$ 30,569,564
MT0000302	\$ 67,237,631	\$ 74,336,416	\$ 89,953,743	\$ 75,583,176	\$ 83,933,792	\$ 102,305,148
MT0000388	\$ 225,911	\$ 249,762	\$ 302,234	\$ 253,951	\$ 282,008	\$ 343,734
MT0000396	\$ 207,592,027	\$ 229,509,086	\$ 277,726,616	\$ 233,358,378	\$ 259,140,390	\$ 315,860,816
MT0000451	\$ 59,787	\$ 66,099	\$ 79,985	\$ 67,207	\$ 74,632	\$ 90,968
MT0000477	\$ 5,767,900	\$ 6,385,366	\$ 7,743,793	\$ 6,493,812	\$ 7,220,166	\$ 8,818,143
MT0000485	\$ 13,154	\$ 14,506	\$ 17,480	\$ 14,743	\$ 16,334	\$ 19,832
MT0000884	\$ 4,825,326	\$ 5,334,772	\$ 6,455,554	\$ 5,424,246	\$ 6,023,530	\$ 7,341,956
MT0000892	\$ 1,595,836	\$ 1,771,086	\$ 2,156,635	\$ 1,801,865	\$ 2,008,019	\$ 2,461,558
MT0020460	\$ 42,725	\$ 47,299	\$ 57,361	\$ 48,102	\$ 53,483	\$ 65,320
MT0021229	\$ 2,281,928	\$ 2,522,848	\$ 3,052,873	\$ 2,565,161	\$ 2,848,566	\$ 3,472,058
MT0021431	\$ 213,626	\$ 236,495	\$ 286,807	\$ 240,512	\$ 267,414	\$ 326,598
MT0023566	\$ 32,044	\$ 35,474	\$ 43,021	\$ 36,077	\$ 40,112	\$ 48,990
MT0023604	\$ 912,771	\$ 1,009,139	\$ 1,221,149	\$ 1,026,064	\$ 1,139,426	\$ 1,388,823
MT0023639	\$ 134,697	\$ 148,918	\$ 180,204	\$ 151,416	\$ 168,145	\$ 204,948
MT0023965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0024210	\$ 1,268,120	\$ 1,407,381	\$ 1,713,755	\$ 1,431,839	\$ 1,595,658	\$ 1,956,060
MT0024619	\$ 31,693	\$ 35,040	\$ 42,401	\$ 35,627	\$ 39,563	\$ 48,223
MT0024716	\$ 1,341,870	\$ 1,489,230	\$ 1,813,422	\$ 1,515,111	\$ 1,688,457	\$ 2,069,819
MT0026808	\$ 1,026,867	\$ 1,135,282	\$ 1,373,793	\$ 1,154,322	\$ 1,281,855	\$ 1,562,426
MT0027821	\$ 221,487	\$ 245,198	\$ 297,362	\$ 249,362	\$ 277,254	\$ 338,617
MT0028321	\$ 12,526,340	\$ 13,867,313	\$ 16,817,454	\$ 14,102,828	\$ 15,680,274	\$ 19,150,656
MT0028428	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0028584	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0028983	\$ 570,482	\$ 630,712	\$ 763,218	\$ 641,290	\$ 712,142	\$ 868,014
MT0029891	\$ 2,498,711	\$ 2,762,519	\$ 3,342,896	\$ 2,808,851	\$ 3,119,180	\$ 3,801,903
MT0029980	\$ 79,234	\$ 87,599	\$ 106,003	\$ 89,068	\$ 98,909	\$ 120,558
MT0030015	\$ 46,143	\$ 51,083	\$ 61,950	\$ 51,950	\$ 57,761	\$ 70,545
MT0030031	\$ 99,977	\$ 110,680	\$ 134,226	\$ 112,559	\$ 125,150	\$ 152,848
MT0030066	\$ 952,237	\$ 1,052,772	\$ 1,273,949	\$ 1,070,429	\$ 1,188,693	\$ 1,448,873
MT0030147	\$ 217,091	\$ 240,010	\$ 290,434	\$ 244,036	\$ 270,998	\$ 330,313
MT0030180	\$ 395,217	\$ 436,943	\$ 528,741	\$ 444,272	\$ 493,356	\$ 601,341
MT0030279	\$ 11,475	\$ 12,714	\$ 15,441	\$ 12,932	\$ 14,390	\$ 17,597
MT0030350	\$ 1,825,542	\$ 2,018,278	\$ 2,442,298	\$ 2,052,129	\$ 2,278,853	\$ 2,777,646
MT0030392	\$ 26,622	\$ 29,433	\$ 35,617	\$ 29,927	\$ 33,233	\$ 40,507
MT0030643	\$ 27,558	\$ 30,508	\$ 36,998	\$ 31,026	\$ 34,496	\$ 42,131
MT0030660	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0030678	\$ 228,193	\$ 252,285	\$ 305,287	\$ 256,516	\$ 284,857	\$ 347,206
MT0030724	\$ 3,476,643	\$ 3,858,437	\$ 4,698,384	\$ 3,925,492	\$ 4,374,613	\$ 5,362,681
MT0030741	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0030744	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0031623	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MT0031623	\$ 364,205,474	\$ 402,798,363	\$ 487,702,718	\$ 409,576,430	\$ 454,974,963	\$ 554,851,734



NPDES	Min	Average	Max	Median
MT0000264	\$ 4,644,227	\$ 5,693,891	\$ 7,100,239	\$ 5,521,146
MT0000256	\$ 5,682,449	\$ 6,966,767	\$ 8,687,504	\$ 6,755,404
MT0000019	\$ 152,129	\$ 186,038	\$ 231,471	\$ 180,458
MT0000094	\$ 475,402	\$ 581,369	\$ 723,345	\$ 563,930
MT0000191	\$ 7,181,262	\$ 8,846,250	\$ 11,077,012	\$ 8,572,239
MT0000230	\$ 5,209,641	\$ 6,370,876	\$ 7,926,708	\$ 6,179,769
MT0000248	\$ 2,777,137	\$ 3,404,811	\$ 4,245,773	\$ 3,301,513
MT0000281	\$ 19,995,386	\$ 24,514,638	\$ 30,569,564	\$ 23,770,895
MT0000302	\$ 67,237,631	\$ 82,224,984	\$ 102,305,148	\$ 79,758,484
MT0000388	\$ 225,911	\$ 276,267	\$ 343,734	\$ 267,979
MT0000396	\$ 207,592,027	\$ 253,864,552	\$ 315,860,816	\$ 246,249,384
MT0000451	\$ 59,787	\$ 73,113	\$ 90,968	\$ 70,920
MT0000477	\$ 5,767,900	\$ 7,071,530	\$ 8,818,143	\$ 6,856,989
MT0000485	\$ 13,154	\$ 16,008	\$ 19,832	\$ 15,538
MT0000884	\$ 4,825,326	\$ 5,900,897	\$ 7,341,956	\$ 5,723,888
MT0000892	\$ 1,595,836	\$ 1,965,833	\$ 2,461,558	\$ 1,904,942
MT0020460	\$ 42,725	\$ 52,382	\$ 65,320	\$ 50,793
MT0021229	\$ 2,281,928	\$ 2,790,572	\$ 3,472,058	\$ 2,706,863
MT0021431	\$ 213,626	\$ 261,909	\$ 326,598	\$ 253,963
MT0023566	\$ 32,044	\$ 39,286	\$ 48,990	\$ 38,094
MT0023604	\$ 912,771	\$ 1,116,229	\$ 1,388,823	\$ 1,082,745
MT0023639	\$ 134,697	\$ 164,721	\$ 204,948	\$ 159,780
MT0023965	\$ -	\$ -	\$ -	\$ -
MT0024210	\$ 1,268,120	\$ 1,562,135	\$ 1,956,060	\$ 1,513,749
MT0024619	\$ 31,693	\$ 38,758	\$ 48,223	\$ 37,595
MT0024716	\$ 1,341,870	\$ 1,652,985	\$ 2,069,819	\$ 1,601,784
MT0026808	\$ 1,026,867	\$ 1,255,757	\$ 1,562,426	\$ 1,218,089
MT0027821	\$ 221,487	\$ 271,547	\$ 338,617	\$ 263,308
MT0028321	\$ 12,526,340	\$ 15,357,478	\$ 19,150,656	\$ 14,891,551
MT0028428	\$ -	\$ -	\$ -	\$ -
MT0028584	\$ -	\$ -	\$ -	\$ -
MT0028983	\$ 570,482	\$ 697,643	\$ 868,014	\$ 676,716
MT0029891	\$ 2,498,711	\$ 3,055,677	\$ 3,801,903	\$ 2,964,015
MT0029980	\$ 79,234	\$ 96,895	\$ 120,558	\$ 93,988
MT0030015	\$ 46,143	\$ 56,572	\$ 70,545	\$ 54,856
MT0030031	\$ 99,977	\$ 122,573	\$ 152,848	\$ 118,854
MT0030066	\$ 952,237	\$ 1,164,492	\$ 1,448,873	\$ 1,129,561
MT0030147	\$ 217,091	\$ 265,480	\$ 330,313	\$ 257,517
MT0030180	\$ 395,217	\$ 483,312	\$ 601,341	\$ 468,814
MT0030279	\$ 11,475	\$ 14,091	\$ 17,597	\$ 13,661
MT0030350	\$ 1,825,542	\$ 2,232,458	\$ 2,777,646	\$ 2,165,491
MT0030392	\$ 26,622	\$ 32,557	\$ 40,507	\$ 31,580
MT0030643	\$ 27,558	\$ 33,786	\$ 42,131	\$ 32,761
MT0030660	\$ -	\$ -	\$ -	\$ -
MT0030678	\$ 228,193	\$ 279,057	\$ 347,206	\$ 270,686
MT0030724	\$ 3,476,643	\$ 4,282,708	\$ 5,362,681	\$ 4,150,052
MT0030741	#N/A	#N/A	#N/A	#N/A
MT0031411	\$ 10,254	\$ 12,572	\$ 15,677	\$ 12,190
MT0031534	#N/A	#N/A	#N/A	#N/A
MT0031593	\$ 270,722	\$ 333,490	\$ 417,586	\$ 323,160
MT0031623	\$ -	\$ -	\$ -	\$ -

Community	Average	Min	Max	Median
MT0000264	5,693,891.27	4,644,227.41	1,579,092.65	876,918.45
MT0000256	6,966,766.69	5,682,449.36	1,932,100.48	1,072,954.50
MT0000019	186,038.15	152,128.51	51,012.96	28,329.06
MT0000094	581,369.20	475,401.59	159,415.49	88,528.30
MT0000191	8,846,249.88	7,181,262.31	2,504,772.92	1,390,977.02
MT0000230	6,370,876.28	5,209,640.77	1,746,938.73	970,128.51
MT0000248	3,404,810.79	2,777,136.90	944,259.63	524,376.26
MT0000281	24,514,637.67	19,995,385.71	6,798,669.36	3,775,509.05
MT0000302	82,224,984.39	67,237,631.35	22,546,664.51	12,520,852.46
MT0000388	276,266.65	225,910.83	75,754.24	42,068.65
MT0000396	253,864,552.33	207,592,027.02	69,611,431.79	38,657,357.36
MT0000451	73,112.99	59,786.50	20,048.09	11,133.32
MT0000477	7,071,530.10	5,767,899.72	1,961,154.62	1,089,089.15
MT0000485	16,008.19	13,153.93	4,293.90	2,384.53
MT0000884	5,900,897.42	4,825,326.12	1,618,067.25	898,562.24
MT0000892	1,965,833.31	1,595,836.07	556,616.20	309,106.00
MT0020460	52,381.70	42,725.18	14,527.07	8,067.33
MT0021229	2,790,572.18	2,281,927.63	765,194.36	424,935.84
MT0021431	261,908.52	213,625.92	72,635.36	40,336.64
MT0023566	39,286.28	32,043.89	10,895.30	6,050.50
MT0023604	1,116,228.87	912,771.05	306,077.75	169,974.33
MT0023639	164,721.27	134,697.12	45,167.72	25,083.02
MT0023965	-	-	-	-
MT0024210	1,562,135.40	1,268,119.73	442,311.09	245,628.88
MT0024619	38,757.95	31,693.44	10,627.70	5,901.89
MT0024716	1,652,984.98	1,341,870.16	468,034.71	259,913.99
MT0026808	1,255,757.48	1,026,867.43	344,337.46	191,221.13
MT0027821	271,546.76	221,487.35	75,308.34	41,821.02
MT0028321	15,357,477.63	12,526,340.09	4,259,104.86	2,365,211.21
MT0028428	-	-	-	-
MT0028584	-	-	-	-
MT0028983	697,643.04	570,481.91	191,298.59	106,233.96
MT0029891	3,055,676.54	2,498,710.75	837,887.83	465,304.74
MT0029980	96,894.87	79,233.60	26,569.25	14,754.72
MT0030015	56,572.24	46,143.20	15,689.24	8,712.71
MT0030031	122,573.19	99,976.93	33,993.35	18,877.55
MT0030066	1,164,492.20	952,237.31	319,311.89	177,323.66
MT0030147	265,480.31	217,090.55	72,796.55	40,426.15
MT0030180	483,311.60	395,217.19	132,527.41	73,596.53
MT0030279	14,091.33	11,474.92	3,936.07	2,185.82
MT0030350	2,232,457.74	1,825,542.10	612,155.49	339,948.67
MT0030392	32,556.68	26,622.49	8,927.27	4,957.58
MT0030643	33,786.20	27,557.74	9,369.96	5,203.43
MT0030660	-	-	-	-
MT0030678	279,057.22	228,192.76	76,519.44	42,493.58
MT0030724	4,282,708.27	3,476,642.87	1,212,628.16	673,409.51
MT0030741	#N/A	#N/A	#N/A	#N/A
MT0031411	12,571.61	10,254.04	3,486.50	1,936.16
MT0031534	#N/A	#N/A	#N/A	#N/A
MT0031593	333,489.58	270,722.19	94,425.96	52,437.63
MT0031623	-	-	-	-

